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## Derwent Record

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**Derwent Title:** Motor vehicle collision warning system has an additional capability for detecting the possibility of a collision being caused by opening of the motor vehicle door into the path of an oncoming object

**Original Title:** EP1375267A2: Process and system for the detection of an accident risk

**Assignee:** BOSCH GMBH ROBERT Standard company  
Other publications from [BOSCH GMBH ROBERT \(BOSC\)...](#)

**Inventor:** KLOTZ A; SCHMID D;

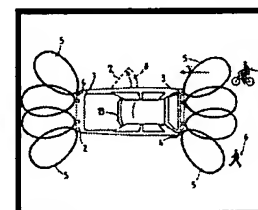
**Accession/** 2004-101077 / 200415

**Update:**

**IPC Code:** B60R 21/34 ; G08G 1/16 ; G08G 1/00 ;

**Derwent Classes:** Q17; S02; W06; X22;

**Manual Codes:** S02-B01(Measuring distances in line of sight; optical rangefinders) , W06-A04H1(Anticollision) , W06-A05H1 (Vehicle applications) , W06-A05H1K(Anticollision) , W06-A06H1A(Land vehicles) , W06-A06H1K(Anticollision) , X22-E13(Collision-imminence alarm)



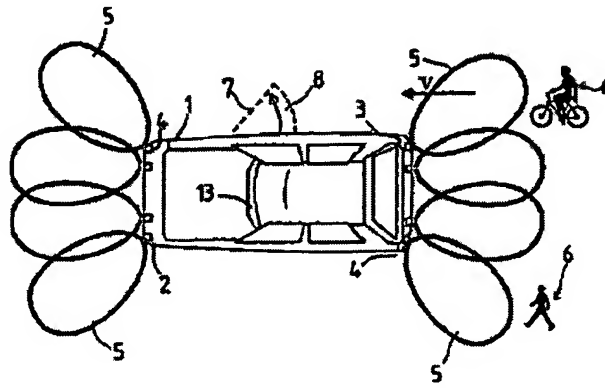
**Derwent Abstract:** (EP1375267A) **Novelty** - The method for detecting the risk of a collision in which distance sensors (4) for detecting objects (6) within the detection area (5) of a motor vehicle (1) generate signals when the vehicle is moving relating to a collision risk and also generate signals when the vehicle is stationary and there is a risk of a collision with an object due to opening of the motor vehicle door (7).

**Detailed Description** - An INDEPENDENT CLAIM is made for a motor vehicle collision warning device for generating a first signal when there is a risk of a collision when the vehicle is moving and for generating a second signal when the vehicle is stationary and there is a risk of a collision being caused by opening of the vehicle door into the path of an oncoming object.

**Use** - Motor vehicle collision warning system for warning of possible collision due to opening of vehicle door.

**Advantage** - Expansion of a vehicle collision system by the addition of a stationary operating mode greatly increases safety and is particularly effective for preventing collisions caused by opening of a vehicle door into the path of oncoming objects, e.g. cyclists.

**Images:**



**Description of Drawing(s)** - The figure shows a schematic view of an inventive system.

motor vehicle 1, distance sensors 4, object or obstacle 6, detection area 5, motor vehicle door 7 Dwg.1/2

**Family:**

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<b>EP1375267A2</b> *	2004-01-02	200411	7	German	B60R 21/34
Des. States: (R) AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
Local appls.: <u>EP2003000007513</u> Filed:2003-04-01 (2003EP-0007513)					
<b>DE10229033A1</b> =	2004-01-22	200415	7	German	G08G 1/16
Local appls.: DE2002001029033 Filed:2002-06-28 (2002DE-1029033)					

**INPADOC Legal Status:**

Show legal status actions

**First Claim:**  
Show all claims

1. Verfahren zum Erkennen einer Unfallgefahr, bei dem mit Umfeldsensoren (4) eines Fahrzeugs (1) Objekte (6) in Erfassungsbereichen (5) vor und/oder hinter dem Fahrzeug (1) erfasst und Abstandssignale (S1) erzeugt werden, aus den Abstandssignalen (S1) während einer Fahrt des Fahrzeugs (1) Abstände der Objekte (6) vor und/oder hinter dem Fahrzeug (1) ermittelt werden, und aus den Abstandssignalen (S1) bei stehendem Fahrzeug (1) ermittelt wird, ob eine Kollisionsgefahr des Objektes (6) mit einer sich öffnenden Fahrzeurtür (7) des Fahrzeugs (1) vorliegt, und bei Ermittlung einer Kollisionsgefahr ein Kollisionssignal (S2) ausgegeben wird.

**Priority Number:**

Application Number	Filed	Original Title
DE2002001029033	2002-06-28	

**Title Terms:**

MOTOR VEHICLE COLLIDE WARNING SYSTEM ADD CAPABLE DETECT POSSIBILITY COLLIDE CAUSE OPEN MOTOR VEHICLE DOOR PATH ONCOMING OBJECT

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